

12-26-02

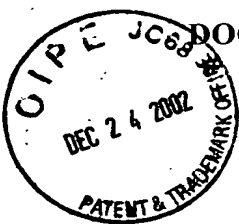
1623

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JAN 02 2003

TECH CENTER 1600/2900

PATENT



DOCKET NO.: ISIS-4682

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Guzaev, et al.

Confirmation No.: 9641

Serial No.: 09/775,967

Group Art Unit: 1623

Filing Date: February 2, 2001

Examiner: Lewis, Patrick T.

For: Methods For Synthesis Of Oligonucleotides

EXPRESS MAIL LABEL NO: EV-160977290-US  
DATE OF DEPOSIT: December 23, 2002

EV160977290US

Box ☒ NON-FEE  
☐ AF

Assistant Commissioner for Patents  
Washington DC 20231

Sir:

REPLY TRANSMITTAL LETTER

Transmitted herewith for filing in the above-identified patent application is:

- ☐ A Preliminary Amendment.
- ☒ An Amendment Responsive to the Office Action/Restriction Requirement Dated December 3, 2002.
- ☐ An Amendment Supplemental to the Paper filed
- ☐ Other:
- ☒ Applicant(s) has previously claimed small entity status under 37 CFR § 1.27.

- ☐ Applicant(s) by its/their undersigned attorney, claims small entity status under 37 CFR § 1.27 as:
- ☐ an Independent Inventor
  - ☐ a Small Business Concern
  - ☐ a Nonprofit Organization
- ☐ This application is no longer entitled to small entity status. It is requested that this be noted in the files of the U.S. Patent and Trademark Office.
- ☐ Loss of Entitlement Enclosed
- ☐ Substitute Pages            of the Specification are enclosed.
- ☐ An Abstract is enclosed.
- ☐            Sheets of Proposed Corrected Drawings are enclosed.
- ☐ A Certified Copy of each of the following applications:            is enclosed.
- ☐ An Associate Power of Attorney is enclosed.
- ☐ Information Disclosure Statement.
- ☐ Attached Form 1449.
  - ☐ A copy of each reference as listed on the attached Form PTO-1449 is enclosed herewith.
- ☐ Appended Material as follows:
- ☐ Other Material as follows:

## FEE CALCULATION

☒ No Additional Fee is Due.

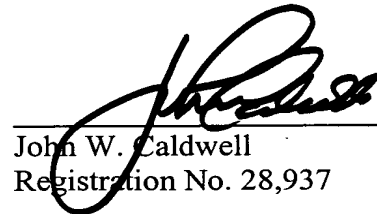
				SMALL ENTITY		NOT SMALL ENTITY	
	REMAINING AFTER AMENDMENT	HIGHEST PAID FOR	EXTRA	RATE	FEE	RATE	FEE
TOTAL CLAIMS	105	(20 MINIMUM)		\$9 EACH	\$	\$18 EACH	\$
INDEP. CLAIMS	5	(3 MINIMUM)		\$42 EACH	\$	\$84 EACH	\$
FIRST PRESENTATION OF MULTIPLE DEPENDENT				\$140	\$	\$280	\$
<input type="checkbox"/> ONE MONTH EXTENSION OF TIME				\$55	\$	\$110	\$
<input type="checkbox"/> TWO MONTH EXTENSION OF TIME				\$200	\$	\$400	\$
<input type="checkbox"/> THREE MONTH EXTENSION OF TIME				\$460	\$	\$920	\$
<input type="checkbox"/> FOUR MONTH EXTENSION OF TIME				\$720	\$	\$1440	\$
<input type="checkbox"/> FIVE MONTH EXTENSION OF TIME				\$980	\$	\$1960	\$
<input type="checkbox"/> LESS ANY EXTENSION FEE ALREADY PAID				minus	(\$ )	minus	(\$ )
<input type="checkbox"/> TERMINAL DISCLAIMER				\$55	\$	\$110	\$
<input type="checkbox"/> OTHER FEE OR SURCHARGE AS FOLLOWS:							
TOTAL FEE DUE					\$0		\$

- ☐ A check in the amount of \$0.00 is attached. Please charge any deficiency or credit any overpayment to Deposit Account 23-3050.
- ☐ Petition is hereby made under 37 CFR § 1.136(a) (fees: 37 CFR § 1.17(a)(1)-(4) to extend the time for response to the Office Action of \_\_\_\_\_ to and through \_\_\_\_\_ comprising an extension of the shortened statutory period of \_\_\_\_\_ month(s).
- ☒ The Commissioner is hereby requested to grant an extension of time for the appropriate length of time, should one be necessary, in connection with this filing or any future filing submitted to the U.S. Patent and Trademark Office in the above-identified application during the pendency of this application. The Commissioner is further authorized to charge any fees related to any such extension of time to Deposit Account 23-3050. This sheet is provided in duplicate.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-3050. This sheet is provided in duplicate.
- ☐ The foregoing amount due for filing this paper.
- ☒ Any additional filing fees required, including fees for the presentation of extra claims under 37 CFR § 1.16.

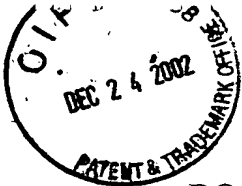
☒ Any additional patent application processing fees under 37 CFR § 1.17 or 1.20(d).

**SHOULD ANY DEFICIENCIES APPEAR** with respect to this application, including deficiencies in payment of fees, missing parts of the application or otherwise, the U.S. Patent and Trademark Office is respectfully requested to promptly notify the undersigned.

Date: December 23, 2002

  
\_\_\_\_\_  
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#6  
1-9-03  
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*Stone*

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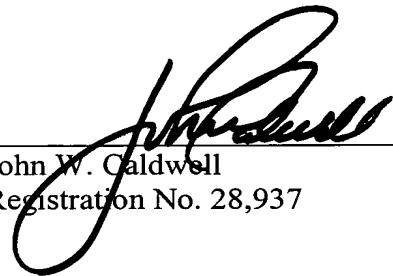
Sir:

**RESPONSE**

This is in response to the Office Action mailed on December 3, 2002, in connection with the above-identified patent application. Applicants elect for examination purposes species in which  $D^+$  is protonated aromatic heterocyclic amine and  $E^-$  is tetrazolide anion. The requirement is traversed, however, at least in major part. As for element  $D^+$ , the groups identified by the Examiner and labeled A through E are all quaternized amine species and should be searchable without difficulty. Appertaining to element  $E^-$ , Groups A and B are closely related and should be easily searched together. At least partial recombination at this time is both efficient and appropriate and such action is requested.

The undersigned has noted a misnumbering in the claims at Page 60. For simplicity and to permit the examiner to proceed without delay, it is suggested that he informally renumber the second occurrence of Claims 51 and 52 as "Claim 52A and Claim 52B." The undersigned will make full correction with the next formal submission.

Respectfully Submitted,



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John W. Caldwell  
Registration No. 28,937

Dated: December 23, 2002

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